

***Paper Publications and Submitted Manuscripts***

M. C. Schmid, T. Panagiotaropoulos, M. Augath, N. K. Logothetis, S. M. Smirnakis: Visually Driven Activation in Macaque Areas V2 and V3 without Input from the Primary Visual Cortex. PLoS ONE 2009, 4(5): e5527.

K. L. Hoffman, K. M. Gothard, M. C. Schmid, N. K. Logothetis: Facial expression- and gaze-selective responses in the temporal lobe of the macaque. Current Biology 2007, May 1;17(9):766-72.

S. M. Smirnakis\*, M. C. Schmid\*, B. Weber, A. S. Tolias, M. Augath, N. K. Logothetis: Mapping Cortical Organization: Differences in Spatial Specificity of BOLD versus Cerebral Blood Volume fMRI. Journal of Cerebral Blood Flow and Metabolism 2007, Jun;27(6):1248-61.

M. C. Schmid, A. Oeltermann, C. Juchem, S. M. Smirnakis, N. K. Logothetis: Simultaneous EEG and fMRI in the macaque monkey at 4.7 T. Magnetic Resonance Imaging 2006 May;24(4):335-42.

S. M. Smirnakis, A. A. Brewer\*, M. C. Schmid\*, A. S. Tolias, A. Schüz, M. Augath, W. Inhoffen, B. A. Wandell, N. K. Logothetis: Lack of long-term cortical reorganization after macaque retinal lesions. Nature. 2005 May 19, 435, 300-307

S. M. Smirnakis, M. C. Schmid, A. A. Brewer, A. S. Tolias, A. Schüz, M. A. Augath, W. Inhoffen, B. A. Wandell, N. K. Logothetis: Neuroscience: Rewiring the adult brain (Reply). Nature. 2005 Nov 10, 438 (7065), E3-E4

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***Scientific Abstracts***

S. Mrowka, H. Merkle, C. Zhu, K. M. Gothard, D. A. Leopold, M. C. Schmid: V1-independent fMRI activation patterns in the macaque temporal lobe. Society for Neuroscience, 2009.

M. C. Schmid, S. Mrowka, J. Turchi, M. Wilke, J. Turchi, F. Ye, R. Saunders, D.A. Leopold: Contribution of direct geniculate input to V1-independent fMRI activation of extrastriate cortex. Society for Neuroscience, 2009.

M. C. Schmid, M. Wilke, J. Turchi, K. Smith, S. Mrowka, C. Zhu, F. Ye, D.A. Leopold: LGN inactivation eliminates fMRI activity in macaque visual cortex. Society for Neuroscience, 2008.

M. C. Schmid, T. Panagiotaropoulos, M. Augath, N. K. Logothetis, S. M. Smirnakis: Areas V2 and V3 remain active and retinotopically organized in the absence of direct V1 input. Society for Neuroscience, 2007.

K. L. Hoffman, K. M. Gothard, M.C. Schmid, N. K. Logothetis: BOLD responses to facial expressions and gaze direction in distinct amygdala subsystems of the macaque. Society for Neuroscience, 2006.

M. C. Schmid, A. Oeltermann, C. Juchem, S. M. Smirnakis, N. K. Logothetis: Simultaneous EEG and fMRI in the macaque monkey at 4.7 T. Society for Neuroscience, 2005.

M. C. Schmid, S. M. Smirnakis, A. S. Tolias, M. Augath, N. K. Logothetis: Mapping macaque visual cortex organisation with BOLD and MION fMRI. Society for Neuroscience, 2004.

M. C. Schmid, A. S. Tolias, M. Augath, N. K. Logothetis, S. M. Smirnakis: Spatial resolution of BOLD versus MION in a macaque fMRI paradigm at 4.7 T. Human Brain Mapping, 2004.